

SAFETY DATA SHEET

SECTION 1 - MANUFACTURER'S IDENTIFICATION

Product Name: INDURON AC 220 ACRYLIC BLOCK FILLER Product Code: P-1101
Manufacturer's Name: Induron Protective Coatings, LLC Emergency Phone: 1-800-424-9300
Address: 3333 Richard Arrington Blvd. N. Information Phone: (205)324-9584
Birmingham, Alabama 35234

Section 2 - Composition / Information on Ingredients

GHS Ratings:

Carcinogen	1A	Known Human Carcinogen Based on human evidence
Reproductive toxin	1B	Presumed, Based on experimental animals

GHS Hazards

H350	May cause cancer
H360	May damage fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P281	Use personal protective equipment as required
P308+P313	IF exposed or concerned: Get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container in accordance to appropriate regulations and laws.

Signal Word: **Danger**



Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired kidney and liver functions from preexisting disorders may be aggravated by exposure to this product.

Kidney damage may be evidenced by changes in urine output, urine appearance, or edema (swelling from fluid retention). Liver damage may be evidenced by loss of appetite, jaundice and sometimes pain in the upper abdomen on the right side.

Section 3 - Hazards Identification

Chemical Name	CAS number	Weight Concentration %
Calcium Carbonate (limestone)	1317-65-3	50.00% - 60.00%
Titanium Dioxide Colorant	13463-67-7	1.00% - 5.00%
Ethylene Glycol	107-21-1	1.00% - 5.00%
Microcrystalline silica 98.5-99.0%	14808-60-7	0.10% - 1.00%

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

INGESTION - If material is ingested, seek immediate medical attention. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

Notes to Physician: No data found

Section 5 - Fire Fighting Measures

Flash Point: 116 C (241 F)

LEL: 3.00

UEL: 15.00

Non Combustible Product

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical systems, water spray, normal water extinguishing.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product may contain vapors that will flash, but will not catch on fire.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and hydrocarbons

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure. Use water spray to cool unopened containers.

Fire Equipment: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Wet absorbant materials with water to prevent spontaneous combustion with alkyd type formulas.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes. Wet absorbant with water for alkyd type spills.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not

in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

REGULATORY REQUIREMENTS: No data found.

Section 8 - Exposure Controls / Personal Protection			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Calcium Carbonate (limestone) 1317-65-3	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	Not Established	NIOSH: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)
Titanium Dioxide Colorant 13463-67-7	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA	Not Established
Ethylene Glycol 107-21-1	TLV-C 50PPM	100 mg/m ³ Ceiling (aerosol only)	Not Established
Microcrystalline silica 98.5-99.0% 14808-60-7	.05 mg/m ³ TWA	0.025 mg/m ³ TWA (respirable fraction)	NIOSH: 0.05 mg/m ³ TWA (respirable dust)

ENGINEERING: Ensure processing (curing) ovens are properly vented to prevent the introduction of processing fumes into the workplace. Use explosion-proof equipment and good manufacturing practice.

VENTILATION: Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits.

ADMINISTRATIVE CONTROLS: No data found.

PROTECTIVE EQUIPMENT: Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to splash goggles.

Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

CONTAMINATED EQUIPMENT: Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

<p>Viscosity: N/A</p> <p>Appearance: N/A</p> <p>Vapor Pressure: 0.090 mmHg</p> <p>Vapor Density: 2.1</p> <p>DENSITY 13.85</p> <p>Freezing point: N/A</p> <p>Boiling range: 100°C</p> <p>Evaporation rate: N/A</p> <p>Explosive Limits: N/A</p> <p>Autoignition temperature: N/A</p>	<p>Coating VOC Lb/Gal 0.70</p> <p>Odor: N/A</p> <p>Odor threshold: N/A</p> <p>pH: N/A</p> <p>Melting point: N/A</p> <p>Solubility: N/A</p> <p>Flash point: 241 F, 116 C</p> <p>Flammability: N/A</p> <p>Partition coefficient (n-octanol/water): N/A</p> <p>Decomposition temperature: N/A</p>
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Section 10 - Stability and Reactivity

Stability: This product is stable under normal storage and handling .

STABLE

Components of this mixture are incompatible with the following materials: Strong acids and bases can cause coagulation of the latex and failure of the product

This mixture is likely to exhibit the following combustion products: aliphatics and carbon oxides.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Routes of Entry:

Ingestion

Exposure to this material may affect the following organs:

Eyes Kidneys Lungs Central Nervous System Skin Respiratory System

Effects of Overexposure

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing) .

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
14808-60-7	Microcrystalline silica 98.5-99.0%	.1 to 1.0%	Microcrystalline silica 98.5-99.0%: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed
13463-67-7	Titanium Dioxide Colorant	1 to 5%	Titanium Dioxide Colorant: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

Section 12 - Ecological Information

Ecological information: .

Component Ecotoxicity

Ethylene Glycol	96 Hr LC50 Oncorhynchus mykiss: 41000 mg/L; 96 Hr LC50 Oncorhynchus mykiss: 14 - 18 mL/L [static]; 96 Hr LC50 Lepomis macrochirus: 27540 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 40761 mg/L [static]; 96 Hr LC50 Pimephales promelas: 40000 - 60000 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 16000 mg/L [static] 48 Hr EC50 Daphnia magna: 46300 mg/L 96 Hr EC50 Pseudokirchneriella subcapitata: 6500 - 13000 mg/L
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Section 13 - Disposal Considerations

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA) .

Section 14 - Transport Information

Section 14 - Transport Information

Not regulated by CFR 49.172.1

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	PAINT	NA	NA	NA
IATA	PAINT	NA	NA	NA

15: Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- 14808-60-7 Microcrystalline silica 98.5-99.0% 0.1 to 1.0 %
- 13463-67-7 Titanium Dioxide Colorant 1 to 5 %

HAZARDOUS AIR POLLUTANTS

- 107-21-1 Ethylene Glycol

HAZARDOUS SUBSTANCE/CHEMICALS/POLLUTANTS

- 107-21-1 Ethylene Glycol

MASSACHUSETTS RIGHT TO KNOW

- 14808-60-7 Microcrystalline silica 98.5-99.0% 0.1 to 1.0 %
- 107-21-1 Ethylene Glycol 1 to 5 %
- 13463-67-7 Titanium Dioxide Colorant 1 to 5 %
- 1317-65-3 Calcium Carbonate (limestone) 50 to 60 %

NEW JERSEY RIGHT TO KNOW

- 14808-60-7 Microcrystalline silica 98.5-99.0% 0.1 to 1.0 %
- 107-21-1 Ethylene Glycol 1 to 5 %
- 13463-67-7 Titanium Dioxide Colorant 1 to 5 %
- 1317-65-3 Calcium Carbonate (limestone) 50 to 60 %

PENNSYLVANIA RIGHT TO KNOW

- 14808-60-7 Microcrystalline silica 98.5-99.0% 0.1 to 1.0 %
- 107-21-1 Ethylene Glycol 1 to 5 %
- 13463-67-7 Titanium Dioxide Colorant 1 to 5 %
- 1317-65-3 Calcium Carbonate (limestone) 50 to 60 %

CHEMICAL LIST FOR SARA 311/312

- 14808-60-7 Microcrystalline silica 98.5-99.0%
- 107-21-1 Ethylene Glycol

Country

Regulation

All Components Listed

EU Risk Phrases

Safety Phrase

- None

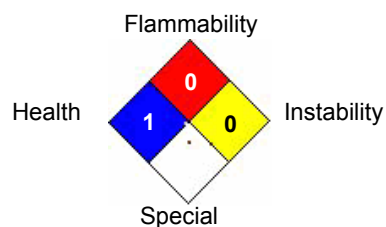
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HER INFORMATION

Hazardous Material Information System (HMIS)

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		G

HMIS & NFPA Hazard Rating
Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision